Item Unique Identification (IUID)

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IUID Overview

- Genesis
- End-2-End Concept
- Implementation
- Contracting for IUID
- What's New?
- Reference Sources

DoD: Facing new challenges…

- ***Rapidly moving forces on a dynamic battlefield***
- ***Demand for better information on assets***
- ***Need for more effective visibility and management of inventory***

- ***Improve business processes now***
- ***Improve confidence***
- ***Influence the direction and cost of technology development***
- ***Drive the standards to work for us***
- ***Facilitate the implementation of Unique Identification (UID)***

The Genesis of IUID

- GAO concerned with DOD management of its inventory of equipment.

- Finding: DOD's inventory exceeded its war reserve or current operating requirements, but lacked key spare parts (particularly aviation spares) due to a lack of adequate accountability over material shipments or effective monitoring of defective spare parts.

GAO-02-477G (Mar 02): Executive Guide, Best Practices in Achieving Consistent, Accurate Physical Counts of Inventory and Related Property

DoD Vision for Item Unique Identification (IUID)

- To implement a policy establishing *a strategic imperative for uniquely identifying tangible items* relying to the maximum extent practical on international standards and commercial item markings and while not imposing unique government data requirements.
- Uniquely identified tangible items will facilitate item tracking in DoD business systems and *provide reliable and accurate data* for management, financial, accountability and asset management purposes.

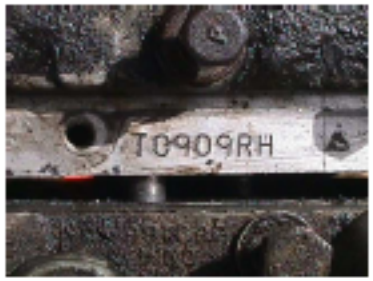
Effective 1 January 04 Mandatory for Solicitations

UID: What makes it so Special?

UID…

- **Provides *"The Key"* to discovery and correlation of item, real property and human resource information so …**
  - **DoD can *consistently locate, control and value assets* anywhere and anytime**
- **Enables *globally accessible and secure* enterprise data**
- **Registries enable *creation of UID mission*** [illegible]

UII: What Is It?



In today's world, many items we buy have identification on them that indicate the manufacturer or distributor of the product and the product type.

---Two identical cans of Coke from the same bottling plant will show the same data on the Universal Product Code (UPC)

Some items also have a serial number that differentiates one item from another identical item (e.g., the 24th engine off the assembly line is different from the 1024th)

---Serial numbers are unique, but not outside of their enterprise – the serial number assigned by XYZ Manufacturer could be the same as one assigned by ABC Company.

By combining enterprise identification, item class and serialization, a globally unique item identifier is created that differentiates each item from other items

---Each item has its own globally unique item identifier (UII)

IUID: How Is It Done?

The UII Is Derived From Discrete Component Data Elements – The UII Is Not Required To Be Marked On The Item as Its Own Data Element

Coded in the Data Matrix:

Enterprise Identifier = 0CVA5 (CAGE Code)

Original Part Number= 1234

Serial Number = 674A36458

The ISO assigned Issuing Agency Code (IAC) can be derived using the Enterprise data qualifier. The IAC for CAGE, is "D":

UII Construct 1	UII Construct 2
If the Serial Number is Unique within the Enterprise Identifier	*If the Serial Number is Not Unique within the Enterprise Identifier but is Unique within the Part Number*
D0CVA5674A36458	**D0CVA51234674A36458**

Defining the Scope of a UII

A UII Is	A UII Is Not
✓ A Data Element ✓ A Unique Identifier for an Item ✓ Globally Unique ✓ Unambiguous ✓ Permanent ✓ Created by Concatenating Specific Data Elements ✓ The enabler for business intelligence	✓ A Device for Communicating Data, such as Radio Frequency Identification (RFID) Tags, Contact Memory Buttons, or Linear Bar Codes. ✓ A Replacement for the National Stock Number ✓ Intelligent Data that Yields Information About the Item ✓ Transferable from one item to another

IUID Policy Overview

- Policy memorandum released on July 29th 2003 (with subsequent updates) established IUID as a mandatory DoD requirement on all solicitations issued on or after January 1, 2004.
- IUID is required for all property items delivered to the Government if:
  - *Acquisition cost is more than $5,000*
  - *Items with an acquisition cost below $5,000, when identified by the requiring activity as DoD serially managed, mission essential, or controlled inventory*
  - *Items with an acquisition cost below $5,000 as determined by the requiring activity*
  - *Regardless of value, any DoD serially managed subassembly, component or part embedded within an item and the "parent" item in which it is embedded*
- Wide Area Workflow (WAWF) is the preferred method for capturing IUID data and became a mandatory payment requirement on January 1, 2005

Key Direction from IUID Policy Updates

- **Apply IUID to legacy items in inventory and operational use**
- **All program and item managers plan for and implement IUID**
  - ACAT 1D programs submitted plans by June 2005
  - All others to MDAs by January 2006
- **Government Furnished Property (GFP) must meet IUID policy requirement effective 1 Jan 2006**
- **Plans targeted FY2007 as the point by which:**
  - All existing serialized assets will be entered in IUID registry
  - UII marking capabilities established such that marking can commence when equipment is returned for maintenance

Key Direction from IUID Policy Updates

- **DUSD (Logistics and Material Readiness) develop IUID implementation plan for organic depot maintenance operations**

- **Jan 2007: OUSD Materiel Readiness & Maintenance Policy released "Implementing Item-Unique Identification in DoD Maintenance" (dated 31 Jan 07)**
  - **The Concept of Operations IUID-Enabled Maintenance in Support of DoD Materiel Readiness**

- **Feb 07: Policy Update for Item Unique Identification (IUID) of Tangible Personal Property**

- **DoD Directive 8320.03, dated 23 Mar 07, Unique Identification (UID) Standards for a Net-Centric Department of Defense**

Applying the UII

- **Vendor-Applied-at-Source:** Marking applied when item is manufactured
- **Opportunity-Based Item Application:** Can be done in the field or factory, wherever it is convenient to gain access to items either on an end item or available in a storage facility (phase maintenance, scheduled servicing, depot rebuild or overhaul processes, and work-order processes during modification)
- **Seek-and-Apply:** Used for particular items held within service, either at the end item or in storage. This strategy is dependent on establishing the location and availability of items before deployment of application equipment and teams. This approach is dependent upon good legacy data, and will demand greater overhead of coordinated effort to effect access to the assets.
- **Gated:** The interception of items as they transit specific gates within the supply chain. After identification, the situation can be resolved by diverting the item back to the vendor for application, provision of an application capability at the specific supply gate, or diversion of the item to a centralized application facility.

UII Marking by DoD

- It may be desirable for the DOD-requiring activity to mark items when received rather than require the vendor to mark until the vendor's internal capabilities are established. The requiring activity must ensure that DOD activities can guarantee that the UII information they use is unambiguous and globally unique through life.

- There will be non-recurring costs to make the appropriate changes to drawings and marking instructions for legacy items, in accordance with MIL-STD-130 requirements, as well as costs for marking equipment and readers

- *11 May 05: Directed programs to include requirements in budgeting documents (FY07-12) to ensure implementation visibility within the Planning, Programming, Budgeting, and Execution (PPBE) process*
  - *Budget exhibits for RDT&E, procurement, operations & maintenance funds*
  - *Capital and operations budgets in Working Capital Funds (included in customer rates)*
  - *Needs to be an on-going process as requirements are identified*

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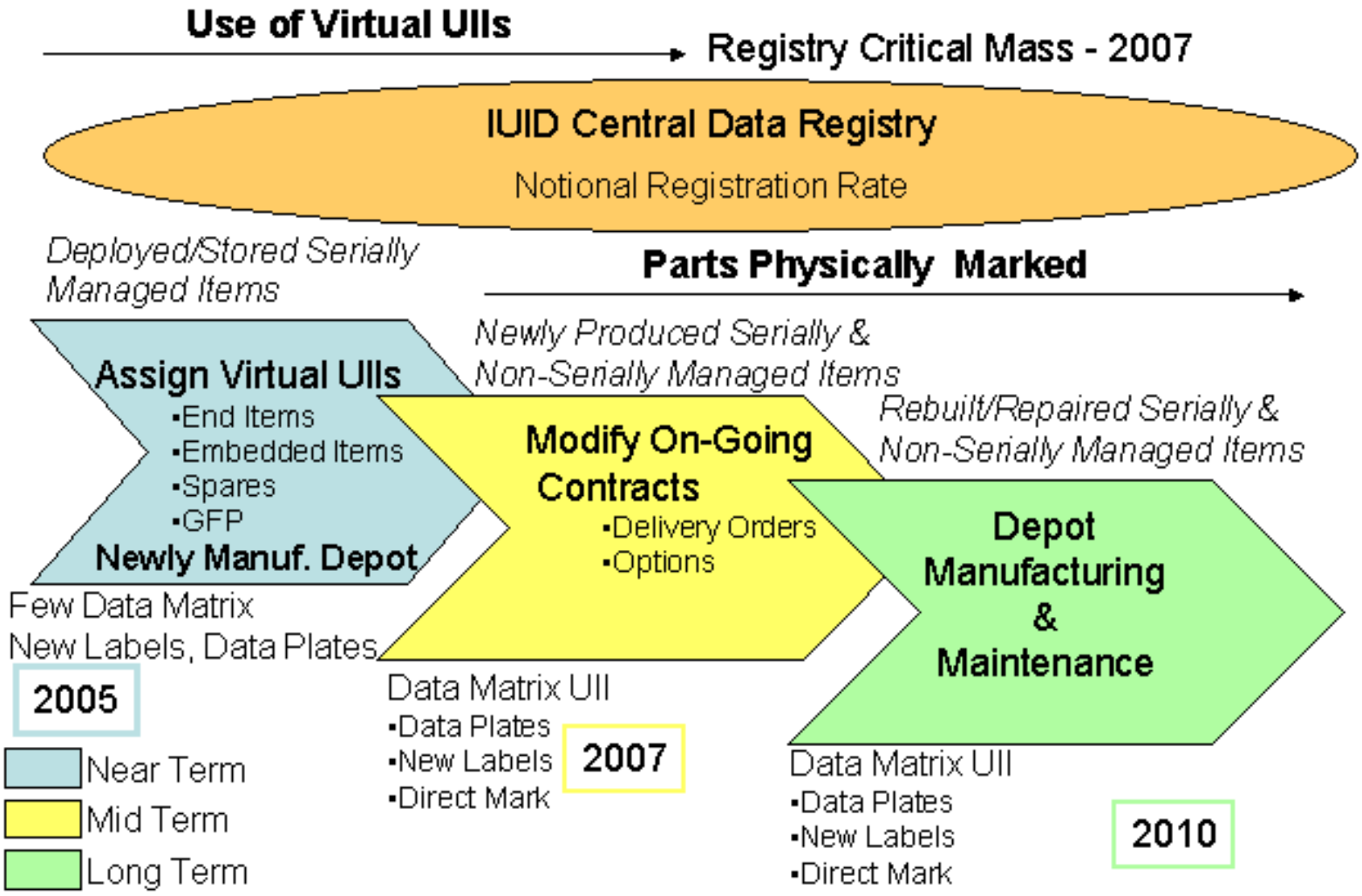
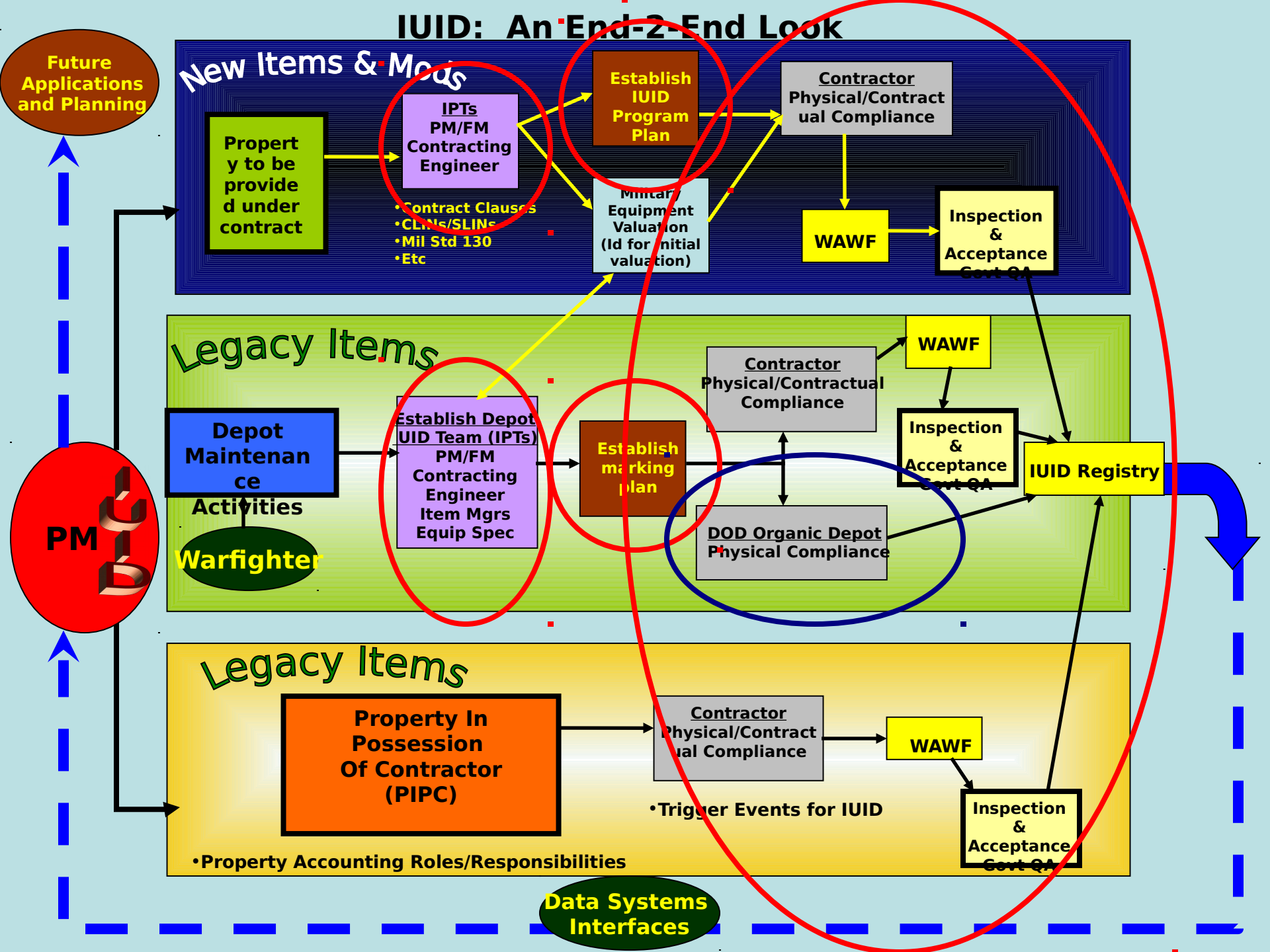
Evolutionary Approach to Legacy IUID



IUID: An End-2-End Look



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Planning Implementation

What Activities Need to be Involved (IPT/IPPD) *

- Program Management
- Logistics/Customer Support
- Process Engineering
- Finance
- Data Management
- Supply Chain Management
- Business Area Leads
- Communications
- Legal
- Training (WAWF)
- Customer Liaisons:
  - DCMA
  - DCAA

Engineering
Manufacturing
Procurement
Configuration Management
Contracts
Information Technology
Audit
International Liaison
Supply Chain Management
Wide Area Workflow

Subcontract Liaison

*** Representative Listing from Corporate Implementation Briefs**

Key Responsibilities for IUID Implementation

- **Program Managers** will identify items that require unique identification, including embedded subassemblies, components and parts. These embedded items will be identified in a Contract Data Requirements List (CDRL) or Exhibit.

- **Contracting Officers** shall include the clause at 252.211-7003, Item Identification and Valuation, in all solicitations and contracts that require delivery of items.

- All items delivered to the Department will be delivered under a contract line item and the Department's acquisition cost of each item will be identified under a contract line item or sub-line item

- **Contractors** are required to provide item unique identification, or a DoD recognized IUID Equivalent, for all items delivered with an acquisition cost of $5,000 or more and as designated by the requiring activity for items less than $5,000.

- Under the clause at 252.211-7003, marking of items shall be in accordance with MIL-STD-130, Identification Marking of U.S. Military Property.

Key Responsibilities for IUID Implementation

- **Defense Contract Management Agency** will inspect and accept IUID items, provide oversight of government-furnished property, provide oversight of initial IUID-enabled SIM information requirements per contract clauses, and provide program and technical support using IUID associated data for analyzing the cost/schedule/technical performance of contractor programs and systems

- **IUID Registry** will establish interfaces with Wide Area Work Flow and property systems; maintain the IUID Registry; and establish interfaces with item history, maintenance, system configuration, and other pertinent technical databases

- **Maintenance Activities** will incorporate IUID processes into all relevant transactions, mark legacy items as required, associate maintenance events to IUID items, coordinate the development of IUID processes and SIM requirements with the appropriate information systems

Program IUID Implementation Plan*

- Provide references including service IUID CONOPs, Instructions, Relevant Service IUID Policy documents (Most recent draft for those documents in development) and prime contractor(s) Single Process Initiatives if available

- Describe the overall IUID Implementation Strategy to include
  - Marking
  - Current and future contracts
  - Legacy items
  - Depot Manufactured items and plant equipment
  - IUID Planning/Budgeting
- Technical documentation strategy to minimize the non-recurring costs for marking,
- Describe the business strategy for implementing IUID
- Identify IUID-re
  business proce
- List Metrics
  Exit Criteria

*Template and Sample Plan on UID Home Page (http://www.acq.osd.mil/dpap/UID/ under training and p

Program Manager Tools

- Implementation Toolkit
  - http://www.iuidtoolkit.com
- Implementation Tools and Templates
  - http://www.acq.osd.mil/dpap/UID/implementation_tools.htm
- Part Marking Decision Engine
  - http://dev.aldev.portal-dynamics.net/uiddemo/
  - Material Standards: http://rsesc.uah.edu/DPM
- Joint-Automatic Identification Technology contract
  - https://www.eis.army.mil/AIT/

Achieve Full IUID Capability in Depot Maintenance

Tasks to accomplish for achieving full IUID capability in depot maintenance for items without virtual UIIs include the following:

- **Assess Depot UII Capability**
  - Marking Methods
  - Part Numbering
  - Serialization
  - Machine-Readable Marking
- **Determine Shortfalls in Current Depot UII Capability to Meet UID Requirements**
  - Processes
  - Equipment
  - Software
  - Training
  - Funding
- **Start Program to Overcome Shortfalls**
  - Specify Symbology
  - Specify Semantics
  - Specify Syntax
  - Acquire Marking Software
  - Acquire Marking/Labeling Equipment
  - Acquire Printers & Verifiers
  - Acquire Readers
  - Facilitate Host Computer
  - Select Process Specifications
  - Label, stock, inks, solvents, adhesives, coatings, equipment, etc.
  - Equipment & Software Installed Tested
- **UII Registration Capability**
- **Customer Acceptance of Marks**
- **Virtual UIIs Assigned for Inaccessible, Embedded Serially Managed Items in End Items/Spares**

Implementing Guidance for Depots

- **Concept of Operations for IUID-Enabled Maintenance in Support of DoD Materiel Readiness (dated 1 Jan 07)**
- Fundamental formula: I + T = M
  - I represents identification, T represents tracking, M represents management
- Three key transformation enablers
  - Accurate asset visibility
  - Common standardized data
  - Standardized IUID
- Envisioned end-state for four scenarios
  - Field-level operations
  - Sustainment-level operations
  - Life-cycle management
  - Performance –based agreements, contractor logistics support, and foreign military sales

Implementing Guidance for Depots

- IUID Implementation Template for DoD Maintenance Depots
  - Phase I: Conduct preliminary research and planning efforts
  - Phase II: Determine the new business environment and develop a marking plan for initial IUID items
  - Phase III: Execute marking plan and develop a full implementation plan for remaining IUID items

- Special considerations and measuring progress
  - Alignment between Services, information flow, IUID Integrated Process Team (IPT), AIS interfaces

•CONOPs and Template located at http://www.acq.osd.mil/log/mrmp/UID_maintenance.htm

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Policy and Clauses

- DFARS 211.274-2 Policy for Item Unique Identification (IUID)
  - Exceptions and approval levels identified
- DFARS 211.274-3 Policy for Valuation
  - Discusses how to value depending on contract type
- DFARS 252.211-7003, Item Identification and Valuation

Determining Requirements

- Must determine what item-level data is needed
- Data is captured via WAWF and transmitted to the UID Registry
  - WAWF is the secure, web-based system for electronic invoice, receipt and acceptance
    - DFARS 252.232-7003 Electronic Submission of Payment Requests
    - DFARS 252.246-7000 Material Inspection and Receiving Report
  - UID Registry is the authoritative source and central repository for IUID information

Communicating Requirements

- Must communicate clearly to our industry partners what we want accomplished
- Communicate through the solicitation and resultant contract

Communicating Requirements

- Include the clause
  - UID Program Office Study results for FY06
    - In over half of DoD supply contracts the clause was missing or incomplete
    - Mirrors FY05 study findings
- Be consistent in structuring of line items and the Uniform Contract Format (UCF)
  - Study shows inconsistent placement of clause (D, F, H and I; both full text and IBR)

UCF and Line Item Structure

- Read the contract as a whole – cross reference to ensure there are no inconsistencies and/or ambiguities
  - Order of precedence 52.215-8 and 52.214-29
    - The Schedule (Part 1 of the UCF, excluding specs)
    - Representations and Other Instructions (Part IV)
    - Contract Clauses (Part II, Section I)
    - Other documents, exhibits and attachments (Part III, Section J)
    - The specifications (Part 1, Section C)

Uniform Contract Format

- Part I, The Schedule
  - Section A (Solicitation/Contract Form)
  - Section B (Supplies and services and prices/costs)
  - Section C (Descriptions/specifications/statement of work)
  - Section D (Packaging and Marking)
  - Section E (Inspection and Acceptance)
  - Section F (Deliveries or Performance)
  - Section G (Contract administration data)
  - Section H (Special contract requirements)

Uniform Contract Format

- Part II, Contract Clauses
  - Section I (Contract Clauses)
- Part III -- List of Documents, Exhibits, and Other Attachments.
  - Section J (List of attachments)
- Part IV – Representations and Instructions
  - Section K (Representations, certifications, and other statements of offerors)
  - Section L (Instructions, conditions, and notices to offerors or respondents)
  - Section M (Evaluation factors for award)

UCF and Line Item Structure

- Line items structure made it difficult to identify the deliverable
  - See DFARS 204.7103 for proper line item structure
    - Single unit price
    - Separately identifiable
    - Separate delivery schedule
    - Single accounting classification citation
  - See CLC 033, Contract Format and Structure for eBIZ

Use CLINS, SLINS and ELINS

- CLIN structure in DFARS PGI 204.7103-2
- SLINS (DFARS PGI 204.7104-2)
  - Informational (numeric suffix e.g. 000101)
  - Separately identified (alpha suffix e.g. 0001AA)
- Exhibits can substitute for large numbers of subline items (DFARS PGI 204.7105)
  - Exhibit establishes a requirement for a deliverable; an attachment does not
  - Reference in Section B; attach at Section J

Why is line items structure so important?

- Communicates our requirement to industry
- WAWF is an electronic system and as such, without manual intervention, cannot process lots, kits, etc. as partial deliveries and then, cannot value at the “each” level
  - We lose the item level data
- Payment of contractors for partial deliveries can be problematic
- Identification of items to be marked/valued

10 Basic Questions

1. What do we expect the contractor to deliver?
2. Do we have a CLIN, SLIN or ELIN for each? Do we have ACRNs assigned to each in Section B? Do the totals by ACRN, CLIN and line of accounting (LOA) match?
3. When is each item due to be delivered?
4. How much will the contractor get paid?
5. Are there interim payments before delivery? If so, on what basis?
6. When will the contractor get paid? What documentation will be required to effect payment?
7. How is the timing of contract payments related to deliveries?
8. Is it clear in the line item structure and Sections F – I how payments relate to delivery?
9. What constitutes acceptable performance? How is it measured?
10. How do the inspection and acceptance criteria in Section E relate to the answers in #9?

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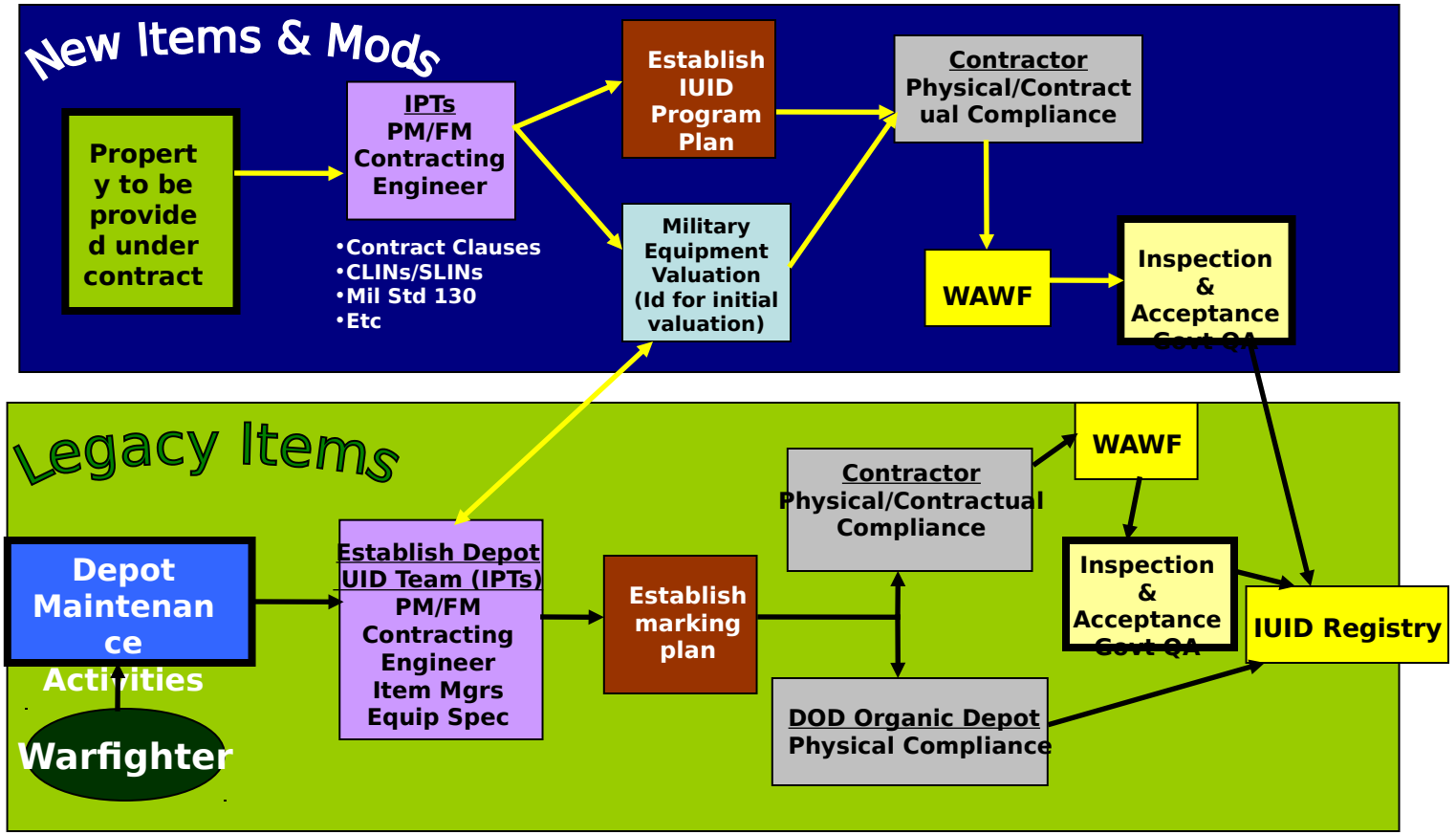
DAU IUID Training

- Updating existing UID Continuous Learning Module (CLM 200) – focuses on new items
- Developing new UID CLM for Legacy Items
  - Based on End-2-End concept and DoD Maintenance CONOPS
  - Lessons:
    - Overview of CONOPs
    - Program Management and Integrated Product Team Responsibilities
    - Implementation Template for DoD Maintenance Depots
    - IUID Registry
    - IUID Data Usage in Current and Future Applications
  - Availability: Targeting end of year completion

End-2-End Concept Workshops



- Developing workshops based on concept and common functions to include practical cases and examples; attendees to include all members of UID Team
- Presented to TACOM in Nov 2007; can be tailored to any organization

Item Unique Identification Reference Sources

IUID Success Stories:

Source AT&L Magazine (Another great source of Information—Also ARJ)

- **Navy Leverages IUID for More Efficient and Effective Missile Tracking**
- **Falcon Flex: Turning Maintenance Information into Air Power**
- **Army Successes in WID**
- **IUID and Dell: Supporting the Office of the Secretary of Defense**

Defense Procurement and Acquisition Policy - Unique Identification (UID) - Microsoft Internet Explorer provided by Defense Acqu

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Address http://www.acq.osd.mil/dpap/UID/

Office of the Under Secretary of Defense for Acquisition Technology and Logistics

Defense Procurement and Acquisition Policy

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Unique Identification (UID)

Capturing business intelligence through technology

» What's New At UID?

The May 2006 edition of our E-Newsletter is now available. Current and past editions are accessible on the Implementation News page under the Training and Related Links menu.

An updated version of the 'DoD Guide to Uniquely Identifying Items' is now available. Updated on June 1, 2006, this replaces Version 1.5 from June 7, 2005.

A proposed change to the DFARS to revise requirements for reporting of Government property in the possession of DoD contractors was posted March 21, 2006 to Federal Register (http://www.acq.osd.mil/dpap/dars/dfars/changenotice/2006/20060321/E6-3993.htm). The proposed rule replaces existing DD Form 1662 reporting requirements with requirements for DoD contractors to electronically submit, to the Item Unique Identification (IUID) Registry, the IUID data applicable to the Government property in the contractor's possession. This will

The benefits of IUID are numerous

UID is a Department of Defense program that will enable easy access to information about DoD possessions that will make acquisition, repair, and deployment of items faster and more efficient.

- Item visibility regardless of platform or "owner"
- Lower item management costs
- Item data necessary for top-level

Internet

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IUID E-Bulletin IUID In Action - Microsoft Internet Explorer provided by Defense Acquisition University

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May 2006 UID e-newsletter

Welcome to the new monthly e-Bulletin from the Unique Identification Program Office. The purpose of this bulletin is to provide news, updates, questions regarding IUID, please contact our program office at info@uniqueid.org.

Ratification Draft NATO Standardization Agreement 2290 Approved!

On April 28, 2006 the NATO Asset Tracking Interservice Working Group (ASTWG) approved the ratification draft of STANAG 2290 "Unique Identification (UID) of Items". Rob Leibrandt, UID PMO served on the ASTWG Technical Panel that developed the STANAG 2290 for presentation to the ASTWG Plenary session. The Plenary gave its unanimous support to issuing STANAG 2290 for NATO nation ratification. It is expected that the requisite ratification by 13 nations will be achieved at which time it becomes a ratified STANAG. This agreement will enable improved visibility of items within NATO's supply chain. An initial series of exercises will be launched to simulate and test the application of UID concepts to the supply chain operations.

April UID Forum in Providence, Rhode Island a Success!

The UID Program Office would like to thank its Forum Sponsors: Lockheed

The UID BootCamp is an applied program to help you move beyond the information and our organization implementation. hands-on, interactive training will get you into shape by delving into the areas you need to know! Please visit here for more information

UID Forum for 2006

The UID Program Office in partnership with DAU will be a sponsor for a regional IUID forum this September in Dallas, Texas. The focus will be UID implementation for commercial and government organizations. Please visit www.uidforum.com for more information and registration.

Implementation & Educational Tools

A number of resources are available to assist organizations with their implementation of IUID

Internet

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IUID Implementation Toolkit - Suppliers, PMs, Warfighters, Depots - Microsoft Internet Explorer provided by Compaq

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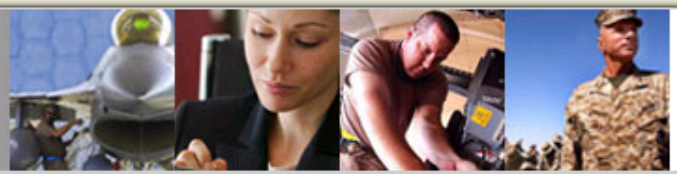
IUID Item Unique Identification



Implementation Toolkit

DPAP Website
UID Website

Welcome

The Item Unique Identification (IUID) Toolkit has been developed to streamline the implementation of unique identification technology throughout DoD and its supply chain. To get started, access the roadmap designed for you from the list below.

- Defense Suppliers
- Program Managers
- Maintenance Depots
- Global Warfighters

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IUID Item Unique Identification

Home

Suppliers PMs Depots Warfighters

Implementation Roadmap **Program Managers**

Related Links:
> FAQs

PREPARE		EXECUTE		SUBMIT	
The Basics	1	Issue New Contract	6a	Registration of IUID Data	7
Review Policy	2	Modify Existing Contract	6b		
Determine IUID Applicability	3	Depot Manufacturing	6c	USE	
Supplier Integration	4	Legacy Items	6d		
Develop Implementation Plan	5			Government Furnished Property	

DPAP Website
UID Website

For assistance or comments regarding this website, please email us at info@iuidtoolkit.com

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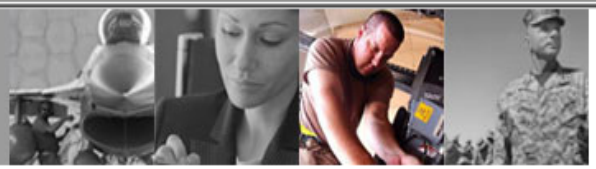

Implementation Roadmap **Depots**

Related Links:

- DPAP Website
- UID Website
- FAQs
- DAU website
- DoD RFID Website
- IUID Overview Tutorial
- UID Forum Website

Helpdesk

info@uniqueid.org
or (703) 848-7314

PREPARE		ENABLE	
The Basics	1	Implement IUID Technology	5
Review Requirements	2	Mark Items	6
Review Policy	3	Read UIIs	7
Develop an Item List	4	Quality Assurance	8
		Registration of IUID Data	9

Program Information - Microsoft Internet Explorer provided by Defense Acquisition University

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Defense Acquisition University

IUID

Part of "Rapid Deployment Training (RDT)" Channel

IUID

Paul Krumhaus from the office of the Product Manager, Joint Automatic Identification Technology, explains the DOD policy regarding Item Unique Identification.

Available Formats:
Windows - 96-384k, Video & Slides
Windows - 96-384k, Video & Slides
Windows - 96-384k, Video & Slides
Windows - 96-384k, Video & Slides

Available: 22 Aug 2005, 9:50 AM EDT
Expires: Does not expire

Duration: 69 minutes

View Program:

1 Introduction and Overview
(Windows - 96-384k, Video & Slides)

2 Item Marking and Registration
(Windows - 96-384k, Video & Slides)

3 Program Manager and Item Manager Responsibilities
(Windows - 96-384k, Video & Slides)

4 Frequently Asked Questions & References
(Windows - 96-384k, Video & Slides)

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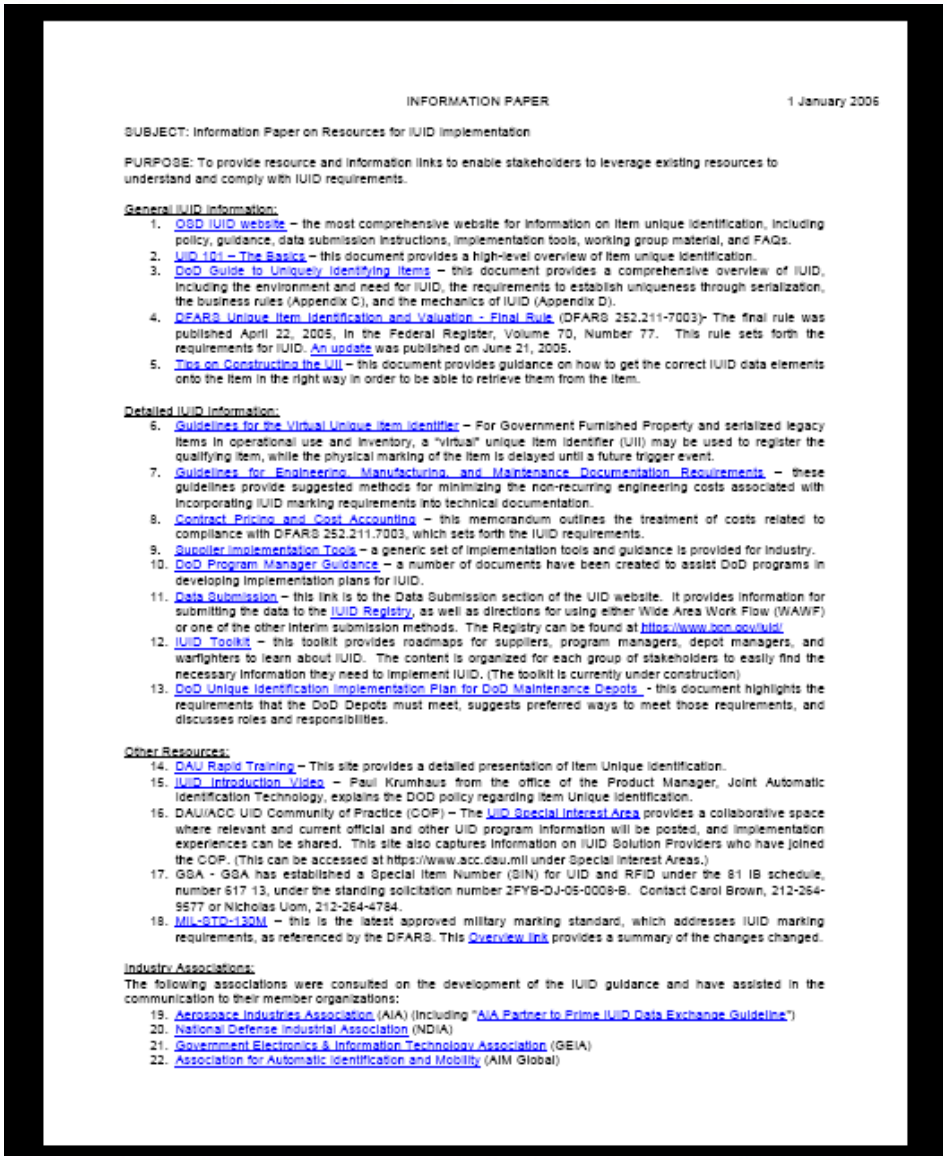
Other Information Tools

- **DoD Guide to Uniquely Identifying Items**: Outlines the UID process, business rules, and UID constructs
- **UID 101**: This guide explores all aspects of this initiative and is intended to provide an understanding of how DoD program offices and commercial businesses can successfully implement the Unique Identification (UID) policy
- **Guidelines for the Virtual Unique Item Identifier (UII):** This document describes the virtual unique item identifier (UII) concept, the processes for assigning and registering virtual UIIs, and the prospective marking of items that have virtual UIIs.
- **Guidelines for Engineering, Manufacturing, and Maintenance Documentation Requirements for UID implementation:** Provides suggested methods for minimizing the non-recurring engineering costs associated with incorporating marking requirements for DoD unique identification into engineering drawings, manufacturing instructions, and maintenance work records.

Other Information Tools

**** Posted on Acquisition Community Connection in Unique Identification Special Interest Area (https://acc.dau.mil/CommunityBrowser.aspx)**



INFORMATION PAPER 1 January 2006

SUBJECT: Information Paper on Resources for IUID Implementation

PURPOSE: To provide resource and information links to enable stakeholders to leverage existing resources to understand and comply with IUID requirements.

General IUID Information:

1. OSD IUID website – the most comprehensive website for information on item unique identification, including policy, guidance, data submission instructions, implementation tools, working group material, and FAQs.
2. UID 101 – The Basics – this document provides a high-level overview of item unique identification.
3. DoD Guide to Uniquely Identifying Items – this document provides a comprehensive overview of IUID, including the environment and need for IUID, the requirements to establish uniqueness through serialization, the business rules (Appendix C), and the mechanics of IUID (Appendix D).
4. DFARS Unique Item Identification and Valuation - Final Rule (DFARS 252.211-7003)- The final rule was published April 22, 2005, in the Federal Register, Volume 70, Number 77. This rule sets forth the requirements for IUID. An update was published on June 21, 2005.
5. Tips on Constructing the UII – this document provides guidance on how to get the correct IUID data elements onto the item in the right way in order to be able to retrieve them from the item.

Detailed IUID Information:

6. Guidelines for the Virtual Unique Item Identifier – For Government Furnished Property and serialized legacy items in operational use and inventory, a "virtual" unique item identifier (UII) may be used to register the qualifying item, while the physical marking of the item is delayed until a future trigger event.
7. Guidelines for Engineering, Manufacturing, and Maintenance Documentation Requirements – these guidelines provide suggested methods for minimizing the non-recurring engineering costs associated with incorporating IUID marking requirements into technical documentation.
8. Contract Pricing and Cost Accounting – this memorandum outlines the treatment of costs related to compliance with DFARS 252.211.7003, which sets forth the IUID requirements.
9. Supplier Implementation Tools – a generic set of implementation tools and guidance is provided for industry.
10. DoD Program Manager Guidance – a number of documents have been created to assist DoD programs in developing implementation plans for IUID.
11. Data Submission – this link is to the Data Submission section of the UID website. It provides information for submitting the data to the IUID Registry, as well as directions for using either Wide Area Work Flow (WAWF) or one of the other interim submission methods. The Registry can be found at https://www.bpn.gov/iuid/
12. IUID Toolkit – this toolkit provides roadmaps for suppliers, program managers, depot managers, and warfighters to learn about IUID. The content is organized for each group of stakeholders to easily find the necessary information they need to implement IUID. (The toolkit is currently under construction)
13. DoD Unique Identification Implementation Plan for DoD Maintenance Depots - this document highlights the requirements that the DoD Depots must meet, suggests preferred ways to meet those requirements, and discusses roles and responsibilities.

Other Resources:

14. DAU Rapid Training – This site provides a detailed presentation of Item Unique Identification.
15. IUID Introduction Video – Paul Krumhaus from the office of the Product Manager, Joint Automatic Identification Technology, explains the DOD policy regarding Item Unique Identification.
16. DAU/ACC UID Community of Practice (COP) – The UID Special Interest Area provides a collaborative space where relevant and current official and other UID program information will be posted, and implementation experiences can be shared. This site also captures information on IUID Solution Providers who have joined the COP. (This can be accessed at https://www.acc.dau.mil under Special Interest Areas.)
17. GSA - GSA has established a Special Item Number (SIN) for UID and RFID under the 81 IB schedule, number 517 13, under the standing solicitation number 2FYB-DJ-05-0008-B. Contact Carol Brown, 212-264-9577 or Nicholas Uom, 212-264-4784.
18. MIL-STD-130M – this is the latest approved military marking standard, which addresses IUID marking requirements, as referenced by the DFARS. This Overview link provides a summary of the changes changed.

Industry Associations:

The following associations were consulted on the development of the IUID guidance and have assisted in the communication to their member organizations:

19. Aerospace Industries Association (AIA) (Including "AIA Partner to Prime IUID Data Exchange Guideline")
20. National Defense Industrial Association (NDIA)
21. Government Electronics & Information Technology Association (GEIA)
22. Association for Automatic Identification and Mobility (AIM Global)

QUESTIONS?